

AGENDA ITEM: Statewide Information Databases

RECOMMENDED MOTION FOR CONSIDERATION BY THE BOARD: I move that the Library of California Board direct its Chief Executive Officer to allocate FY 1998/99 Library of California funds not to exceed \$350,000 for support of the Environmental Information Program at the Mid-Range model identified in the CDL/LoC Environmental Information Project: California Digital Library Technologies Report, September 10, 1999 (Exhibit A). The CEO is directed to investigate potential sites for this program and to report back to the Board as to its disposition at its February meeting.

BACKGROUND AND SUMMARY:

The California Digital Library (CDL)/Library of California (LoC) Access to Environmental Information Project (EIP) began in March 1998 funded under LSTA. Goals for the demonstration project were 1) to show the economic and intellectual benefits that can accrue through collaboration between the LoC and the CDL and 2) to explore the technological, organizational, and financial infrastructure issues involved in delivering electronic content through the CDL to participants in the LoC.

The Evaluation Report (Exhibit B) from the CDL indicates success in demonstrating the value of collaboration between the LoC and the CDL and in identifying critical issues in the development of a topical web site.

Recommendations include improving outreach efforts to the user and maintaining communication throughout the project with them. Participation by LoC regional members in this activity is important in generating sufficient usage and benefit to justify the costs involved.

The licensing component showed clear monetary benefit (\$85,000 savings realized) if compared to the costs of individual subscriptions. Authentication and authorization of users was problematic and time consuming, as is the case with the RAND California trial.

Ongoing state support of this program allows further knowledge to be gained on the development of topical web sites and provides another mechanism for promoting the LoC and increasing participation from libraries of all types, and continues an online service that has been deemed extremely useful by project participants. Funding will transition from LSTA to LoC funds.

The estimated cost for establishing the Environmental Information Project (EIP) at the mid-range model estimated in the CDL Environmental Information Project --California Digital Library Technologies Report, September 10, 1999 (Exhibit A), is as follows:

EIP Continuation Costs

Mid-Range Model 20-50 participants

		12 month cost	One time costs
Staffing			
Development			
Technical Staff	.50 FTE	\$32,500	
Librarian	.25 FTE	\$11,375	
Maintenance			
Technical Staff	.20 FTE	\$13,000	
Librarian	.25 FTE	\$11,375	
Operating			
Telecommunications (Share T-1)	\$500 mo.	\$6,000	
Co-Hosting	\$200 mo.	\$2,400	
Consumables		\$600	
Travel & Expenses		\$750	
Hardware/Software			
One Time			\$20,000
Maintenance		\$1,500	
Migration Costs			\$5,000
Materials			
Database Licensing		\$102,000	
SUBTOTAL		\$181,500	\$25,000
Fiscal Agent Fee		\$18,150	\$2,500
TOTAL 1 YEAR- COST		\$199,650	\$27,500
TOTAL COST for 1st 18 months			
January 1, 2000 – June 30, 2001		\$350,000	

Assumptions:

- That a site for co-hosting the resource can be found, with sufficient telecommunications access, floor space, and technical staff to adequately install and maintain the hardware and software resources required by the project.
- That sufficient software expertise is available in the applications used by the site. If this expertise is not available an additional training cost should be factored into the budget.

- That a librarian who is experienced in environmental specialties is available for the project. While it is not mandatory that the librarian be on-site, it would be helpful if the librarian were in the same region as the site, preferably not more than 1-2 hours away by car. If the librarian is further away, additional costs for travel and related expenses must be included.

Included are excerpts from the technologies report (Exhibit A), evaluation report (Exhibit B) and the complete final report on the project from the CDL (Exhibit C).

GENERAL OVERALL PROGRAM UPDATES:

CURRENT STATUS:

A. RAND California trial database project

A report on the current participants in the RAND California database trial is included (Exhibit D) for your review. A listing of participants by city follows this text (page 7) and a listing by library type is included as Exhibit E. To date there are over 300 registrants and more than 1000 libraries involved. Registrations show broad participation by libraries of all types. Approximately \$200,000 of the \$500,000 allocated has been paid to RAND.

Promotion of the project is continued by contacts with Regional Planning groups, professional associations and response to inquiries. Valuable knowledge about registration procedures, authentication issues and program promotion has been gathered so far. Participants will be surveyed on their usage of the database, source of knowledge about the program and suggestions for future activities. RAND will also furnish data on use of the database. We are developing criteria for a follow up license to take effect upon the July 30, 2000 expiration date that would transition to costs being paid by participating libraries. Eligibility for participation would be either the interim criteria for regions not formally organized or membership for regions that have formed.

B. Encyclopedia Britannica license agreement

On October 19th *Encyclopedia Britannica* announced a change in their product. Contents of the encyclopedia will now be available for free, but with advertising as part of the information display. Other versions of the database product will be available, free of advertising, that offer other features not available on the free version.

As a result of this change staff have not proceeded with securing a statewide license. Once the impact of these changes is better known staff can evaluate whether the library community would invite a statewide license arrangement.

C. Library of California Periodicals/Serials database

A LoC grant has been awarded to continue the work of the Serials Service Bureau for fiscal year 99/00. Staff met with Laine Farley of the CDL on October 13th and will meet with staff from the serials service bureau vendor to review current database activities.

This past July staff mailed surveys to 834 contributing libraries—composed mostly of public, community college, and some special libraries—that had regularly contributed their serial records to be included in the California Database of Serials (CDB-S) database. The updated serial records from CDB-S are eventually added to the Library of California Periodicals/Serials database, which is part of the Periodicals file of MELVYL, the online catalog of the CDL. The results of the survey are included as Exhibit F.

The purpose of the survey was to find out the number of contributing libraries having automated library catalog systems, the display characteristics of the serial records in these libraries' online catalogs, and the importance of output products (printed local serial publications lists, for example) still being available for purchase even if serial records can be accessed electronically through the Internet. Staff has also included comments from survey respondents who think output products should continue, and from respondents having general comments about the database.

Staff received 275 survey responses, a 33% response rate from the survey. Public, academic, and special libraries comprised the bulk of the respondents at 40, 25, and 33 percent respectively. Almost three-fourths of the survey respondents (71%) have a local automated system; many of these are systems by major library automation vendors. About 60% of the respondents, 216 libraries, responded to the question regarding output products; of this group 75% responded that output products were either not as important or not as necessary given the availability of electronic access; 25% responded that they remain important.

Although the survey results are not definitive, they do suggest that a majority of the libraries contributing serial publications records to CDB-S have online catalogs in their libraries, that the serial records in these catalogs are in machine-readable form, and that printed subsets of the database are becoming increasingly unnecessary if the library has electronic access to the library.

The CDL is undertaking an RFP process for the MELVYL system. Results of this change in systems may provide new opportunities for handling remote entry of serials data from contributing libraries. Staff will continue to consider options for production of the database and will analyze the workflow of the service bureau and investigate improvements.

The CDL's usage statistics indicate that the LoC Periodicals/Serials database comprises about seven percent of all queries of all the CDL databases. To improve recognition of the database as a product of the LoC (in collaboration with the CDL) staff plan to implement a short-term marketing campaign to strengthen this identification and to

promote increased usage. This marketing campaign would utilize electronic as well as print methods to reach library directors, branch managers and staff. Specific activities will include the production of bookmarks, signage, brochures and media releases to library publications and newsletters. Handouts will accompany staff when discussing the LoC Periodicals/Serials database in presentations to library organizations, teachers and others. Electronic marketing will include use of e-mail and the creation of a graphic used to link the CDL web site for the database. This graphic will be distributed free to libraries to use on their web pages to link to the service. Statistics from the CDL will be used to measure the impact of the campaign.

D. Statewide Information Database Licensing

On October 5th staff met with the Negotiator's Advisory Committee to solicit recommendations for trial databases and to share results of the RAND trial.

Advisory committee members suggested a comprehensive study of consortial licensing activities in other states. Experience from the RAND trial indicates a need for better information on potential participation in consortial agreements. Close communication, cooperation and coordination with these libraries is essential to identify suitable products for statewide agreements and to clarify the principles to guide negotiations and the responsibility and authority of all concerned. Fiscal arrangements for purchases need to provide maximum leverage for favorable rates from vendors while at the same time meeting the differing schedules and constraints of different types of library organizations.

The proposed study, with an estimated cost of approximately \$50,000 would look to other states' practices in a multi-type environment for examples of specific practices that address these issues. Additional information on the number of libraries in California interested in participation in statewide agreements will also be gathered to aid in the negotiation of favorable pricing structures.

Staff continues to assess interest in full text periodical databases for trial and licensing arrangements and are exploring possible pilot projects. Staff has discussed the implementation of a full text database license pilot and we are exploring interest from the regional representatives for this concept to be implemented in one of the regions.

Staff is also exploring interest in Countrywatch.com, (<http://www.countrywatch.com>) a provider of political, economic and business information for over 190 countries. The site consists of web based country reviews and a country specific wire service. Content of the database does contain advertising, but it excludes services and products that are potentially offensive. Staff is obtaining more information about pricing and will submit a recommendation at the February meeting. We would offer this as a database license to be paid by participating libraries but coordinated through a single fiscal agent.

Information databases developed by the library community such as Job Star and Librarians' Index to the Internet are also being considered for development and support from the LoC as part of statewide programs.

The web site as discussed in the conceptual design document will be used as a tool for the database licensing process. We are exploring a partnership with the CDL as well as other organizations as a potential method to develop the site.

RELATED ISSUES TO COME BEFORE THE BOARD IN THE FUTURE:

Status reports on the RAND California trial, the Library of California Periodicals/Serials database promotion effort, and study of consortial licensing arrangements will be presented to the Board at the February meeting.

Relevant Committee:	Support Services
Staff Liaison:	Ira Bray

Participants in the RAND California database trial project
10/26/1999

Library	Location
Alameda Free Library	Alameda
California School of Professional Psychology	Alameda
Alta-Dutch Flat School District	Alta
Altadena Library District	Altadena
Cascade Union Elementary School District	Anderson
Cabrillo College Library	Aptos
Arcadia Public Library	Arcadia
Menlo College	Atherton
Azusa City Library	Azusa
Azusa Pacific University	Azusa
Bakersfield College Library	Bakersfield
Kern County Law Library	Bakersfield
Kern County Library	Bakersfield
Kern County Superintendent of Schools	Bakersfield
Walter Stiern Middle School	Bakersfield
College of Notre Dame Library	Belmont
Berkeley Public Library	Berkeley
University of California, Berkeley	Berkeley
Vista Community College	Berkeley
Beverly Hills Public Library	Beverly Hills
The Molle Library	Brandeis
Burbank Public Library	Burbank
Providence Saint Joseph Medical Center	Burbank
Woodbury University Library	Burbank
St. John's Seminary and Seminary College Libraries	Camarillo
Harrison Memorial Library	Carmel
San Juan Unified School District	Carmichael
Cate School McBean Library	Carpinteria
Cerritos Public Library	Cerritos
Southwestern College Library	Chula Vista
City of Commerce Public Library	City of Commerce
Honnold/Mudd Library, The Claremont Colleges	Claremont
Cloverdale High School Library	Cloverdale
Coalinga Huron District Library	Coalinga
Colusa County Free Library	Colusa
Carondelet High School	Concord
Coronado Public Library	Coronado
Covina Public Library	Covina
Del Norte County Library District	Crescent City
Birch Lane Elementary School Library	Davis
University of California, Davis	Davis

Yuba Feather Elementary School	Downieville
Graff Medical and Scientific Library	Duarte
Air Force Research Laboratory Technical Library	Edwards AFB
Grossmont Community College Library	El Cajon
Southwest High School Media Center	El Centro
Oak Ridge Library	El Dorado Hills
Andersen Consulting Knowledge Center	El Segundo
Sonoma Developmental Center Staff Library	Eldridge
Escondido Public Library	Escondido
Humboldt County Library	Eureka
Fairfield High School Library	Fairfield
Solano, Napa & Partners (SNAP) Consortium	Fairfield
Firebaugh High School Library Media Center	Firebaugh
Folsom Public Library	Folsom
Fortuna High School Library	Fortuna
Alameda County Library	Fremont
Baird Middle School Library Media Center(Fresno Unified)	Fresno
California School of Professional Psychology	Fresno
Fresno County Library	Fresno
Fullerton College Library	Fullerton
Fullerton Public Library	Fullerton
Medical Library	Fullerton
Golden Sierra High School	Garden Valley
Gavilan College Library	Gilroy
Glendale College Library	Glendale
Silver Springs High School	Grass Valley
Cabrillo Unified School District	Half Moon Bay
Farallone View Elementary	Half Moon Bay
Kings County Library	Hanford
Hayward Public Library	Hayward
Hemet Public Library	Hemet
Imperial Valley College Library	Imperial
Concordia University Irvine	Irvine
Environ Corporation	Irvine
Irvine Unified School District	Irvine
College of Marin Library	Kentfield
Kerman Middle School Library Media Center	Kerman
Helen Palmer Geisel Library	La Jolla
University of California, San Diego	La Jolla
Coleman College	La Mesa
Biola University Library	La Mirada
Wilson Library - University of La Verne	La Verne
Bentley Upper School Library	Lafayette
Antelope Valley College Library	Lancaster

Laton High School Library	Laton
Livermore Public Library	Livermore
Lodi Public Library	Lodi
VA Medical Center	Loma Linda
Lompoc Public Library	Lompoc
Harris Memorial Library	Long Beach
Health Care Sciences Library	Long Beach
Keesal, Young & Logan	Long Beach
The California State University	Long Beach
Boston Consulting Group I & R	Los Angeles
Braille Institute Library Services	Los Angeles
Cedars-Sinai Medical Center	Los Angeles
E! Entertainment Networks Research Dept	Los Angeles
King/Drew Health Sciences Library	Los Angeles
Los Angeles County Law Library	Los Angeles
Los Angeles County Public Library	Los Angeles
Los Angeles Public Library	Los Angeles
Manual Arts High School Library	Los Angeles
Metropolitan Transportation Authority Library	Los Angeles
Mount St. Mary's College Libraries	Los Angeles
Nossaman, Guthner, Knox & Elliott	Los Angeles
Occidental College Library	Los Angeles
Paul, Hastings, Janofsky & Walker LLP	Los Angeles
University of California, Los Angeles	Los Angeles
Los Gatos Community Health Library	Los Gatos
Los Gatos High School	Los Gatos
Martin Luther King, Jr. Middle School Library	Madera
Pepperdine University Libraries	Malibu
Mariposa County Library	Mariposa
Alpine County Public Library	Markleeville
Contra Costa Community College District	Martinez
Yuba County Library	Marysville
Merced College Library	Merced
Providence Holy Cross Medical Center	Mission Hills
Mission Viejo Library	Mission Viejo
Saddleback College Library	Mission Viejo
Memorial Hospitals Association Health Sciences Library	Modesto
Stanislaus County Library	Modesto
Yosemite Community College District	Modesto
Monterey Bay Aquarium	Monterey
Monterey County Herald News Research Library	Monterey
Monterey Institute of International Studies	Monterey
Bruggemeyer Memorial Library	Monterey Park
Helen Miller Bailey Library	Monterey Park

Live Oak High School Library	Morgan Hill
Mountain View Public Library	Mountain View
Napa Valley College Library	Napa
Vintage High School Library	Napa
National City Public Library	National City
Newport Beach Public Library	Newport Beach
Fireman's Fund Insurance Company Corporate Library	Novato
Blumenthal Library, Patten College	Oakland
California College of Arts and Crafts	Oakland
Holy Names College	Oakland
Oakland Public Library	Oakland
Oceanside Public Library	Oceanside
Ontario City Library	Ontario
Chapman University Library	Orange
Santiago Canyon College Library	Orange
University of Sarasota California Campus Library	Orange
John F. Kennedy University Library	Orinda
Miramonte High School Library	Orinda
Orland Free Library	Orland
Butte College Library	Oroville
Butte County Library	Oroville
Goddard Memorial Library Oroville Hospital	Oroville
Oxnard College Library	Oxnard
Oxnard Public Library	Oxnard
St. John's Regional Medical Center, Health Sciences Library	Oxnard
Pacific Grove Public Library	Pacific Grove
Palmdale City Library	Palmdale
Palo Alto City Library	Palo Alto
Palo Alto Unified School District	Palo Alto
California Institute of Technology	Pasadena
Pasadena City College Shatford Library	Pasadena
Pasadena Public Library	Pasadena
Xerox Special Information Systems Research Library	Pasadena
Paso Robles High School Library	Paso Robles
Casa Grande High School Library	Petaluma
Mattole Unified School District	Petrolia
Pinole Valley High School Library	Pinole
El Dorado County Library	Placerville
Contra Costa County Library	Pleasant Hill
Pleasanton Public Library	Pleasanton
Pleasanton Unified School District Media Services	Pleasanton
Pomona Public Library	Pomona
Pomona Valley Hospital Medical Center Medical Library	Pomona
Burton School District Library	Porterville

Plumas County Library	Quincy
Speros Basil Vryonis Center for the Study of Hellenism Library	Rancho Cordova
Rancho Cucamonga Public Library	Rancho Cucamonga
Rancho Mirage Public Library	Rancho Mirage
Marymount College	Rancho Palos Verdes
Tehama County Dept. of Education. Library/Media Center	Red Bluff
Shasta College Library	Redding
Start-Kilgour Memorial Library, Simpson College	Redding
A.K. Smiley Public Library	Redlands
Reedley College	Reedley
Frisbie Middle School Library Media Center	Rialto
Alvord Unified School District	Riverside
Annie Gabriel Library, California Baptist University	Riverside
La Sierra University Library	Riverside
Martin Luther King High School Library	Riverside
Riverside County Law library	Riverside
Riverside County Library System	Riverside
Riverside Public Library	Riverside
University of California, Riverside Library	Riverside
Sierra Joint Community College District	Rocklin
The Branson School Library (Independent High School)	Ross
Glenwood Elementary School Library	Sacramento
Sacramento Country Day School - Matthews Library	Sacramento
The Sacramento Bee	Sacramento
University of the Pacific McGeorge School of Law	Sacramento
Hartnell College	Salinas
Salinas Public Library	Salinas
Calaveras County Library	San Andreas
San Bernardino Valley College	San Bernardino
City of San Bernardino Public Library	San Bernaridno
Children's Hospital & Health Center Health Sciences Library	San Diego
Copley Library	San Diego
Hybritech Inc., a subsidiary of Beckman Coulter, Inc.	San Diego
Ray A. Kroc Middle School Library	San Diego
San Diego County Library	San Diego
San Diego County Public Law Library	San Diego
San Diego Mesa College Library	San Diego
San Diego Zoo Library	San Diego
Walter Library, United States International University	San Diego
American Academy of Ophthalmology Library	San Francisco
California Academy of Sciences	San Francisco

California Institute of Integral Studies	San Francisco
City College of San Francisco, Library & Learning Resources	San Francisco
Energy Resource Center	San Francisco
Erik Erikson (San Francisco Psychoanalytic Institute)	San Francisco
Golden Gate University, University Library	San Francisco
Herbert Hoover Middle School Library	San Francisco
Howard, Rice et al.	San Francisco
John O'Connell High School Library	San Francisco
Levi Strauss & Co. Corporate Legal Division Law Library	San Francisco
Lick-Wilmerding High School Library	San Francisco
Mechanics' Institute Library	San Francisco
Raoul Wallenberg HighSchool	San Francisco
Saint Francis Memorial Hospital -- Schaller Memorial Library	San Francisco
San Francisco Chronicle Library	San Francisco
San Francisco Law Library	San Francisco
San Francisco Public Library	San Francisco
Saybrook Graduate School and Research Center	San Francisco
St. Ignatius College Preparatory	San Francisco
University of California, San Francisco	San Francisco
University of San Francisco	San Francisco
VA Medical Center	San Francisco
Jorge A. Franco Memorial Library	San Jose
Library Services	San Jose
San Jose Public Library	San Jose
Santa Clara County Library	San Jose
United Technologies. P&W Space Propulsion Chemical Systems Div.	San Jose
United Technologies/ P&W Space Propulsion/ Chemical Systems Library	San Jose
St. Margaret's Episcopal School Library	San Juan Capistrano
Black Gold Cooperative Library System	San Luis Obispo
Cuesta College Library	San Luis Obispo
Robert E. Kennedy Library, Cal Poly State University	San Luis Obispo
Palomar College Library	San Marcos
San Marino Public Library	San Marino
Peninsula Library System	San Mateo
Marin General Hospital Medical Library	San Rafael
MARINet (Marin Automated Resources and Information Network)	San Rafael
Nealley Library	Santa Ana
Orange County Law Library	Santa Ana

Orange County Public Library	Santa Ana
Santa Barbara City College Library	Santa Barbara
Santa Barbara County Education Office-Instructional Media	Santa Barbara
Santa Barbara Museum of Natural History Library	Santa Barbara
University of California, Santa Barbara	Santa Barbara
Westmont College Library	Santa Barbara
Michel Orradre Library, Santa Clara University	Santa Clara
Mission College Library	Santa Clara
Santa Clara City Library	Santa Clara
College of the Canyons (Santa Clarita Community Coll. Dist.)	Santa Clarita
The Master's College	Santa Clarita
Santa Cruz City-County Library System	Santa Cruz
University of California, Santa Cruz McHenry Library	Santa Cruz
Santa Fe Springs City Library	Santa Fe Springs
Santa Maria Public Library	Santa Maria
Santa Maria-Bonita School District	Santa Maria
John Adams Middle School Library	Santa Monica
Santa Monica College Library	Santa Monica
Santa Monica Public Library	Santa Monica
Santa Rosa Junior College Library	Santa Rosa
Sonoma County Library	Santa Rosa
West Valley College	Saratoga
Analy High School Library	Sebastopol
Sierra Madre Public Library	Sierra Madre
Tuolumne County Library	Sonora
Goleman Library	Stockton
Stockton-San Joaquin County Public Library	Stockton
University of the Pacific Libraries	Stockton
Solano College Library	Suisun
Fremont Union High School District	Sunnyvale
Lassen Community College District	Susanville
Amador High School Library	Sutter Creek
Columbia College Hollywood	Tarzana
Amgen Libraries	Thousand Oaks
California Lutheran University	Thousand Oaks
Shoreline Unified School District	Tomales
El Camino College Library	Torrance
Mendocino College Library	Ukiah
Mendocino County Library	Ukiah
Upland Public Library	Upland
Los Angeles Valley College Library	Valley Glen
Ventura County Library	Ventura
Victor Valley Community College Library	Victorville

College of the Sequoias Library	Visalia
San Joaquin Valley College	Visalia
Tulare County Law Library	Visalia
Tulare County Library	Visalia
Visalia Unified School District	Visalia
Mt. San Antonio College Library	Walnut
John Muir Medical Center -	Walnut Creek
Trinity County Office of Education	Weaverville
College of the Siskiyous Library	Weed
Bear River School Library	Wheatland
Los Angeles College of Chiropractic	Whittier
Rio Hondo College Library	Whittier
Whittier Public Library	Whittier
Willits High School Media Center	Willits
Los Angeles Harbor College Library	Wilmington
Woodland Public Library	Woodland
Yorba Linda Public Library	Yorba Linda
Veteran Home of California, Yountville Health Sciences Library	Yountville
Siskiyou County Library	Yreka
Siskiyou County Office of Ed. Instructional Materials Center	Yreka
Yucaipa High School Library	Yucaipa